

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S59 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		S1 and photodiode same frequency mix\$4 same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		modulat\$4 near3 anode same modulate\$4 near3 cathode same frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		S5 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		cathode same modulat\$4 same anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		S22 and frequency mix\$4 and photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		S18 and modulat\$4 near4 cathode and modulat\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		S18 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45

EAST Search History

	S19 and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
	S1 photodiode same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
	S1 and photodiode same frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
	S22 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
	S22 and laser (range or distance) finder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
	modulat\$4 near3 anode same modulate\$4 near3 cathode same photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
	S1 photodiode and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
	S22 and frequency mix\$4 and photo diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45

EAST Search History

		S38 and frequency mixing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		modulat\$4 near6 anode same modulate\$4 near6 cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		((("5347236") or ("7012738"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 12:45
		S5 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		S5 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		modulat\$4 near3 anode same modulate\$4 near3 cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		modulat\$4 near3 anode same modulate\$4 near3 cathode and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
		modulat\$4 near3 anode same modulate\$4 near3 cathode and photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45

EAST Search History

L1	6452	S22 and frequency mix\$ and photo diode (356/3.01-3.15,4.01-4.1,5.01-5.15,6-22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:16
L2	0	L1 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 11:17
L3	7	L1 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L4	9	L1 and photodiode and modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L5	95551	("356").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 11:17
L6	0	L5 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L7	12	L5 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17

EAST Search History

L16	196	(US-4319329-\$ or US-4376990-\$ or US-4918491-\$ or US-5210483-\$ or US-RE31097-\$ or US-4975633-\$ or US-5317315-\$ or US-5357967-\$ or US-5517154-\$ or US-5563921-\$ or US-5638034-\$ or US-5925136-\$ or US-6028425-\$ or US-6088401-\$ or US-6225710-\$ or US-4270391-\$ or US-4287469-\$ or US-4320532-\$ or US-4329902-\$ or US-4348673-\$ or US-4414638-\$ or US-4451782-\$ or US-4453136-\$ or US-4759370-\$ or US-4807993-\$ or US-5248935-\$). did. or (US-5260762-\$ or US-5508617-\$ or US-5525940-\$ or US-5713352-\$ or US-5726974-\$ or US-5812250-\$ or US-5827195-\$ or US-5844235-\$ or US-5929749-\$ or US-5963589-\$ or US-6008487-\$ or US-6025725-\$ or US-6118281-\$ or US-6213934-\$ or US-4271531-\$ or US-4272719-\$ or US-4279019-\$ or US-4320666-\$ or US-4344028-\$ or US-4352182-\$ or US-4357944-\$ or US-4374358-\$ or US-4489424-\$ or US-4503707-\$ or US-4536707-\$ or US-4553848-\$ or US-4574234-\$). did. or (US-4577105-\$ or US-4607390-\$ or US-4607216-\$ or US-4633411-\$ or US-4764694-\$ or US-4805621-\$ or US-4808846-\$ or US-4818954-\$ or US-4823797-\$ or US-4890333-\$ or US-4914391-\$ or US-4920522-\$ or US-4930513-\$ or US-4932382-\$ or US-4936308-\$ or US-4941474-\$ or US-4944189-\$ or US-4977371-\$ or US-4991128-\$ or US-5220836-\$ or US-5227715-\$ or US-5227857-\$ or US-5371336-\$ or US-5390345-\$ or US-5398681-\$ or US-5406854-\$ or US-5410750-\$). did. or (US-5416593-\$ or US-5434577-\$ or US-5448992-\$ or US-5469403-\$ or US-5473361-\$ or US-5481504-\$ or US-5523835-\$ or US-5594449-\$ or US-5635619-\$ or US-5636636-\$ or US-5647366-\$ or US-5648616-\$ or US-5671301-\$ or US-5675075-\$ or US-5687733-\$ or US-5724388-\$ or US-5732095-\$ or US-5757308-\$ or US-5782763-\$ or US-5792073-\$ or US-5818582-\$ or US-5852233-\$ or US-5864211-\$ or US-5866896-\$ or US-5883550-\$ or US-5894286-\$ or US-5936732-\$). did. or (US-6049219-\$ or US-6052080-\$ or US-6130540-\$ or US-6186951-\$ or US-6195617-\$ or US-6208944-\$ or US-6218870-\$ or	USPAT	NEAR	ON	2006/08/02 11:17
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EAST Search History

L17	0	L16 and modulats\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L18	1	L16 and modulats\$4 and anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L19	2	("5455670").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 11:17
L20	0	L1 and modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L21	0	modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L22	0	modulats\$4 adj cathode and modualts\$4 adj anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L23	1	modulats\$4 near10 cathode and modualts\$4 near10 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L24	6	modulats\$4 same cathode and modualts\$4 same anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17

EAST Search History

L25	102	photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L26	112	photodiode same modulat\$4 same anode and modulat\$4 same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L27	11	L26 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L28	0	L27 and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L29	11	L26 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L30	10	L26 and modulat\$4 near4 cathode and modulat\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L31	15397	cathode same modulat\$4 same anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L32	0	L31 and laser (range or distance) finder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17

EAST Search History

L33	17	L31 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L34	0	L31 and frequency mix\$4 and photo diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L35	12	L31 and frequency mix\$4 and photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L36	0	L1 photodiode and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L37	0	L1 photodiode same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L38	12	L1 and photodiode same frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L39	11	L1 and photodiode same frequency mix\$4 same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L40	1	modulat\$4 near3 anode same modulate\$4 near3 cathode same photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17

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L41	174	modulat\$4 near3 anode same modulate\$4 near3 cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L42	8	modulat\$4 near3 anode same modulate\$4 near3 cathode and photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L43	4	modulat\$4 near3 anode same modulate\$4 near3 cathode same frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L44	5	modulat\$4 near3 anode same modulate\$4 near3 cathode and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L45	144	L5 and L31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L46	2	L5 and L41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L47	562	modulat\$4 near6 anode same modulate\$4 near6 cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L48	6	L47 and frequency mixing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17

EAST Search History

L49	6	L5 and L47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L50	4	((("5347236") or ("7012738"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 11:17
L51	6452	(356/3.01-3.15,4.01-4.1,5.01-5.15,6-22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 11:17
L52	0	L51 and photodiode same modulat\$4 same annode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L53	95551	("356").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/02 11:17
L54	0	L53 and photodiode same modulat\$4 same annode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17

EAST Search History

L63	196	(US-4319329-\$ or US-4376990-\$ or US-4918491-\$ or US-5210483-\$ or US-RE31097-\$ or US-4975633-\$ or US-5317315-\$ or US-5357967-\$ or US-5517154-\$ or US-5563921-\$ or US-5638034-\$ or US-5925136-\$ or US-6028425-\$ or US-6088401-\$ or US-6225710-\$ or US-4270391-\$ or US-4287469-\$ or US-4320532-\$ or US-4329902-\$ or US-4348673-\$ or US-4414638-\$ or US-4451782-\$ or US-4453136-\$ or US-4759370-\$ or US-4807993-\$ or US-5248935-\$). did. or (US-5260762-\$ or US-5508617-\$ or US-5525940-\$ or US-5713352-\$ or US-5726974-\$ or US-5812250-\$ or US-5827195-\$ or US-5844235-\$ or US-5929749-\$ or US-5963589-\$ or US-6008487-\$ or US-6025725-\$ or US-6118281-\$ or US-6213934-\$ or US-4271531-\$ or US-4272719-\$ or US-4279019-\$ or US-4320666-\$ or US-4344028-\$ or US-4352182-\$ or US-4357944-\$ or US-4374358-\$ or US-4489424-\$ or US-4503707-\$ or US-4536707-\$ or US-4553848-\$ or US-4574234-\$). did. or (US-4577105-\$ or US-4607390-\$ or US-4607216-\$ or US-4633411-\$ or US-4764694-\$ or US-4805621-\$ or US-4808846-\$ or US-4818954-\$ or US-4823797-\$ or US-4890333-\$ or US-4914391-\$ or US-4920522-\$ or US-4930513-\$ or US-4932382-\$ or US-4936308-\$ or US-4941474-\$ or US-4944189-\$ or US-4977371-\$ or US-4991128-\$ or US-5220836-\$ or US-5227715-\$ or US-5227857-\$ or US-5371336-\$ or US-5390345-\$ or US-5398681-\$ or US-5406854-\$ or US-5410750-\$). did. or (US-5416593-\$ or US-5434577-\$ or US-5448992-\$ or US-5469403-\$ or US-5473361-\$ or US-5481504-\$ or US-5523835-\$ or US-5594449-\$ or US-5635619-\$ or US-5636636-\$ or US-5647366-\$ or US-5648616-\$ or US-5671301-\$ or US-5675075-\$ or US-5687733-\$ or US-5724388-\$ or US-5732095-\$ or US-5757308-\$ or US-5782763-\$ or US-5792073-\$ or US-5818582-\$ or US-5852233-\$ or US-5864211-\$ or US-5866896-\$ or US-5883550-\$ or US-5894286-\$ or US-5936732-\$). did. or (US-6049219-\$ or US-6052080-\$ or US-6130540-\$ or US-6186951-\$ or US-6195617-\$ or US-6208944-\$ or US-6218870-\$ or	USPAT	NEAR	ON	2006/08/02 11:17
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EAST Search History

L64	0	L63 and modulats\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L65	0	L51 and modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L66	0	modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L67	0	modulats\$4 adj cathode and modualts\$4 adj anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L68	102	photodiode same modulats\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
L69	112	photodiode same modulats\$4 same anode and modulats\$4 same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/02 11:17
S1	6451	(356/3.01-3.15,4.01-4.1,5.01-5.15, 6-22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/25 11:50
S2	0	S1 and photodiode same modulats\$4 same annode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 11:55

EAST Search History

S3	7	S1 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:00
S4	9	S1 and photodiode and modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 11:55
S5	95476	("356").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/25 11:55
S6	0	S5 and photodiode same modulat\$4 same annode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 11:55
S7	12	S5 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 11:55

EAST Search History

S8	196	(US-4319329-\$ or US-4376990-\$ or US-4918491-\$ or US-5210483-\$ or US-RE31097-\$ or US-4975633-\$ or US-5317315-\$ or US-5357967-\$ or US-5517154-\$ or US-5563921-\$ or US-5638034-\$ or US-5925136-\$ or US-6028425-\$ or US-6088401-\$ or US-6225710-\$ or US-4270391-\$ or US-4287469-\$ or US-4320532-\$ or US-4329902-\$ or US-4348673-\$ or US-4414638-\$ or US-4451782-\$ or US-4453136-\$ or US-4759370-\$ or US-4807993-\$ or US-5248935-\$). did. or (US-5260762-\$ or US-5508617-\$ or US-5525940-\$ or US-5713352-\$ or US-5726974-\$ or US-5812250-\$ or US-5827195-\$ or US-5844235-\$ or US-5929749-\$ or US-5963589-\$ or US-6008487-\$ or US-6025725-\$ or US-6118281-\$ or US-6213934-\$ or US-4271531-\$ or US-4272719-\$ or US-4279019-\$ or US-4320666-\$ or US-4344028-\$ or US-4352182-\$ or US-4357944-\$ or US-4374358-\$ or US-4489424-\$ or US-4503707-\$ or US-4536707-\$ or US-4553848-\$ or US-4574234-\$). did. or (US-4577105-\$ or US-4607390-\$ or US-4607216-\$ or US-4633411-\$ or US-4764694-\$ or US-4805621-\$ or US-4808846-\$ or US-4818954-\$ or US-4823797-\$ or US-4890333-\$ or US-4914391-\$ or US-4920522-\$ or US-4930513-\$ or US-4932382-\$ or US-4936308-\$ or US-4941474-\$ or US-4944189-\$ or US-4977371-\$ or US-4991128-\$ or US-5220836-\$ or US-5227715-\$ or US-5227857-\$ or US-5371336-\$ or US-5390345-\$ or US-5398681-\$ or US-5406854-\$ or US-5410750-\$). did. or (US-5416593-\$ or US-5434577-\$ or US-5448992-\$ or US-5469403-\$ or US-5473361-\$ or US-5481504-\$ or US-5523835-\$ or US-5594449-\$ or US-5635619-\$ or US-5636636-\$ or US-5647366-\$ or US-5648616-\$ or US-5671301-\$ or US-5675075-\$ or US-5687733-\$ or US-5724388-\$ or US-5732095-\$ or US-5757308-\$ or US-5782763-\$ or US-5792073-\$ or US-5818582-\$ or US-5852233-\$ or US-5864211-\$ or US-5866896-\$ or US-5883550-\$ or US-5894286-\$ or US-5936732-\$). did. or (US-6049219-\$ or US-6052080-\$ or US-6130540-\$ or US-6186951-\$ or US-6195617-\$ or US-6208944-\$ or US-6218870-\$ or	USPAT	NEAR	ON	2006/07/25 12:43
8/2/2006 11:26:36 AM	C:\Documents and Settings\randy\My Documents\	EAST\Workspaces\10507288.wsp				Page 14

EAST Search History

S9	0	S8 and modulats\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 12:43
S10	1	S8 and modulats\$4 and anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 12:45
S11	2	("5455670").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/25 13:22
S12	0	S1 and modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 12:57
S13	0	modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 12:58
S14	0	modulats\$4 adj cathode and modualts\$4 adj anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 12:58
S15	1	modulats\$4 near10 cathode and modualts\$4 near10 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 12:59
S16	6	modulats\$4 same cathode and modualts\$4 same anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 12:59

EAST Search History

S17	101	photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:00
S18	111	photodiode same modulat\$4 same anode and modulat\$4 same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:00
S19	11	S18 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:04
S20	0	S19 and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:01
S21	10	S18 and modulat\$4 near4 cathode and modulat\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:08
S22	15393	cathode same modulat\$4 same anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:09
S23	0	S22 and laser (range or distance) finder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:09
S24	17	S22 and laser (range or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:15

EAST Search History

S25	0	S22 and frequency mix\$4 and photo diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:16
S26	12	S22 and frequency mix\$4 and photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:17
S27	0	S1 photodiode and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:23
S28	0	S1 photodiode same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:24
S29	12	S1 and photodiode same frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:32
S30	11	S1 and photodiode same frequency mix\$4 same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 13:32
S31	1	modulat\$4 near3 anode same modulate\$4 near3 cathode same photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:09
S32	174	modulat\$4 near3 anode same modulate\$4 near3 cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:22

EAST Search History

S33	8	modulat\$4 near3 anode same modulate\$4 near3 cathode and photodiode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:09
S34	4	modulat\$4 near3 anode same modulate\$4 near3 cathode same frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:14
S35	5	modulat\$4 near3 anode same modulate\$4 near3 cathode and frequency mix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:15
S36	144	S5 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:20
S37	2	S5 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:20
S38	561	modulat\$4 near6 anode same modulate\$4 near6 cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:26
S39	6	S38 and frequency mixing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:23
S40	6	S5 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/25 14:26

EAST Search History

S41	4	((("5347236") or ("7012738"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 11:28
S42	6452	(356/3.01-3.15,4.01-4.1,5.01-5.15,6-22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 12:45
S43	0	S42 and photodiode same modulat\$4 same annode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S44	7	S42 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S45	9	S42 and photodiode and modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S46	95514	("356").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 12:45
S47	0	S46 and photodiode same modulat\$4 same annode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S48	12	S46 and photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45

EAST Search History

S49	196	(US-4319329-\$ or US-4376990-\$ or US-4918491-\$ or US-5210483-\$ or US-RE31097-\$ or US-4975633-\$ or US-5317315-\$ or US-5357967-\$ or US-5517154-\$ or US-5563921-\$ or US-5638034-\$ or US-5925136-\$ or US-6028425-\$ or US-6088401-\$ or US-6225710-\$ or US-4270391-\$ or US-4287469-\$ or US-4320532-\$ or US-4329902-\$ or US-4348673-\$ or US-4414638-\$ or US-4451782-\$ or US-4453136-\$ or US-4759370-\$ or US-4807993-\$ or US-5248935-\$). did. or (US-5260762-\$ or US-5508617-\$ or US-5525940-\$ or US-5713352-\$ or US-5726974-\$ or US-5812250-\$ or US-5827195-\$ or US-5844235-\$ or US-5929749-\$ or US-5963589-\$ or US-6008487-\$ or US-6025725-\$ or US-6118281-\$ or US-6213934-\$ or US-4271531-\$ or US-4272719-\$ or US-4279019-\$ or US-4320666-\$ or US-4344028-\$ or US-4352182-\$ or US-4357944-\$ or US-4374358-\$ or US-4489424-\$ or US-4503707-\$ or US-4536707-\$ or US-4553848-\$ or US-4574234-\$). did. or (US-4577105-\$ or US-4607390-\$ or US-4607216-\$ or US-4633411-\$ or US-4764694-\$ or US-4805621-\$ or US-4808846-\$ or US-4818954-\$ or US-4823797-\$ or US-4890333-\$ or US-4914391-\$ or US-4920522-\$ or US-4930513-\$ or US-4932382-\$ or US-4936308-\$ or US-4941474-\$ or US-4944189-\$ or US-4977371-\$ or US-4991128-\$ or US-5220836-\$ or US-5227715-\$ or US-5227857-\$ or US-5371336-\$ or US-5390345-\$ or US-5398681-\$ or US-5406854-\$ or US-5410750-\$). did. or (US-5416593-\$ or US-5434577-\$ or US-5448992-\$ or US-5469403-\$ or US-5473361-\$ or US-5481504-\$ or US-5523835-\$ or US-5594449-\$ or US-5635619-\$ or US-5636636-\$ or US-5647366-\$ or US-5648616-\$ or US-5671301-\$ or US-5675075-\$ or US-5687733-\$ or US-5724388-\$ or US-5732095-\$ or US-5757308-\$ or US-5782763-\$ or US-5792073-\$ or US-5818582-\$ or US-5852233-\$ or US-5864211-\$ or US-5866896-\$ or US-5883550-\$ or US-5894286-\$ or US-5936732-\$). did. or (US-6049219-\$ or US-6052080-\$ or US-6130540-\$ or US-6186951-\$ or US-6195617-\$ or US-6208944-\$ or US-6218870-\$ or	USPAT	NEAR	ON	2006/07/28 12:45
8/2/2006 11:26:36 AM	C:\Documents and Settings\Ward\My Documents\	US-6052080-\$ or US-6130540-\$ or US-6186951-\$ or US-6195617-\$ or US-6208944-\$ or US-6218870-\$ or	USPAT	NEAR	ON	Page 20

EAST Search History

S50	0	S49 and modulats\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S51	1	S49 and modulats\$4 and anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S52	2	("5455670").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 12:45
S53	0	S42 and modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S54	0	modulats\$4 near4 cathode and modualts\$4 near4 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S55	0	modulats\$4 adj cathode and modualts\$4 adj anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S56	1	modulats\$4 near10 cathode and modualts\$4 near10 anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S57	6	modulats\$4 same cathode and modualts\$4 same anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45

EAST Search History

S58	102	photodiode same modulat\$4 same anode same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45
S59	112	photodiode same modulat\$4 same anode and modulat\$4 same cathode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/07/28 12:45